

**CLAIMS**

1. Surfactant granules consisting of  
(a) 75 to 97% by weight of fatty alcohol sulfates and  
(b) 3 to 25% by weight of olefin sulfonates,  
5 with the proviso that the quantities add up to 100% by weight.
2. Surfactant granules as claimed in claim 1, characterized in that they contain as component (a) fatty alcohol sulfates corresponding to formula (I):



in which  $R^1$  is a linear or branched, saturated or unsaturated hydrocarbon radical containing 6 to 18 carbon atoms and X is an alkali metal or alkaline earth metal, ammonium, alkyl ammonium, alkanolammonium or  
15 glucammonium.

3. Surfactant granules as claimed in claims 1 and/or 2, characterized in that they contain as component (b) olefin sulfonates obtained by addition of  $SO_3$  onto olefins corresponding to formula (II):



in which  $R^2$  and  $R^3$  independently of one another represent H or alkyl groups containing 1 to 20 carbon atoms, with the proviso that  $R^2$  and  $R^3$  together contain at least 6 and preferably 10 to 16 carbon atoms,  
25 and subsequent hydrolysis and neutralization.

4. Surfactant granules as claimed in at least one of claims 1 to 3, characterized in that they contain as component (b) olefin sulfonates which consist of ca. 60% by weight of alkane sulfonates and ca. 40% by weight of hydroxyalkane sulfonates, of which 80 to 85% by weight are mono-  
30 sulfonates and 15 to 20% by weight disulfonates.

5. Surfactant granules as claimed in at least one of claims 1 to 4, characterized in that they consist of

(a) 85 to 95% by weight of fatty alcohol sulfates and

(b) 5 to 15% by weight of olefin sulfonates,

5 with the proviso that the quantities add up to 100% by weight.

6. A process for the production of the surfactant granules claimed in claim 1, characterized in that a water-containing paste of component (a) is simultaneously dried and granulated in the presence of component (b).

7. A process as claimed in claim 6, characterized in that granulation is  
10 carried out in a fluidized bed.

8. The use of olefin sulfonates in quantities of 3 to 25% by weight for improving the solubility of fatty alcohol sulfate granules in cold water.

9. The use of the olefin sulfonate/fatty alcohol sulfate granules claimed  
15 in claim 1 for the production of laundry detergents, dishwashing detergents and cleaners.

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